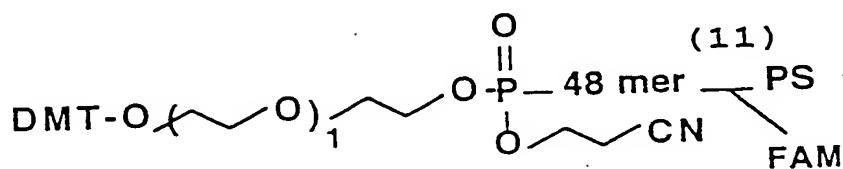
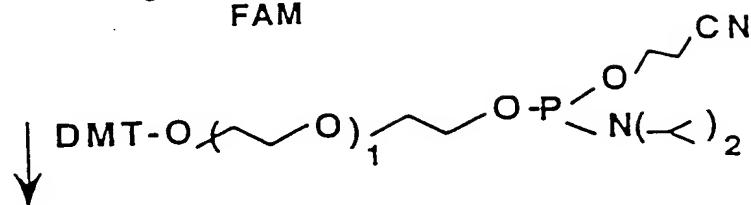


REPLACEMENT SHEET]

5/18

(10)

5' GCA CCA TTA AAG AAA ATA TCA TCT TTG GTG
TTT CCT ATG ATG AAT ATA PS SEQ ID NO: 1
3' FAM



\downarrow
Cleave
Deprotect
 \downarrow
 $\text{CH}_3\text{CO}_2\text{H}$

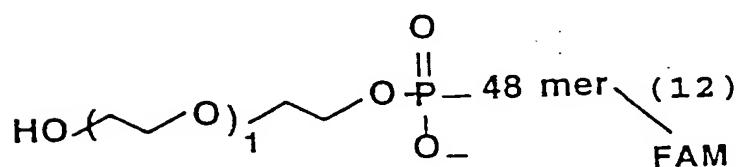


Fig. 4A

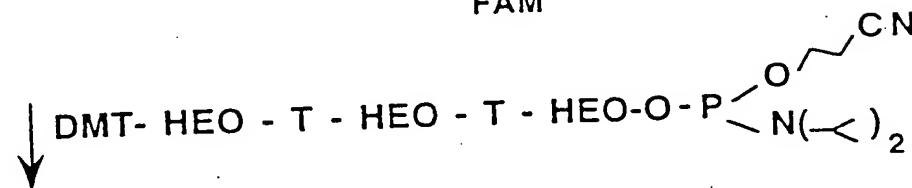


REPLACEMENT SHEET

6 / 18

(10)

5' GCA CCA TTA AAG AAA ATA TCA TCT TTG GTG
 TTT CCT ATG ATG AAT ATA PS SEQ ID NO: 1
 3' FAM



DMT-HEO-T-HEO-T-HEO-O-P-48mer PS
 FAM

 Cleave,
Deprotect,
Purify

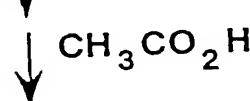


Fig. 4B



REPLACEMENT SHEET

7/18

5' (15) TTG GTG TTT CCT ATG ATG AAT ATA — LAN-T - CPG SEQ ID NO: 2 3'

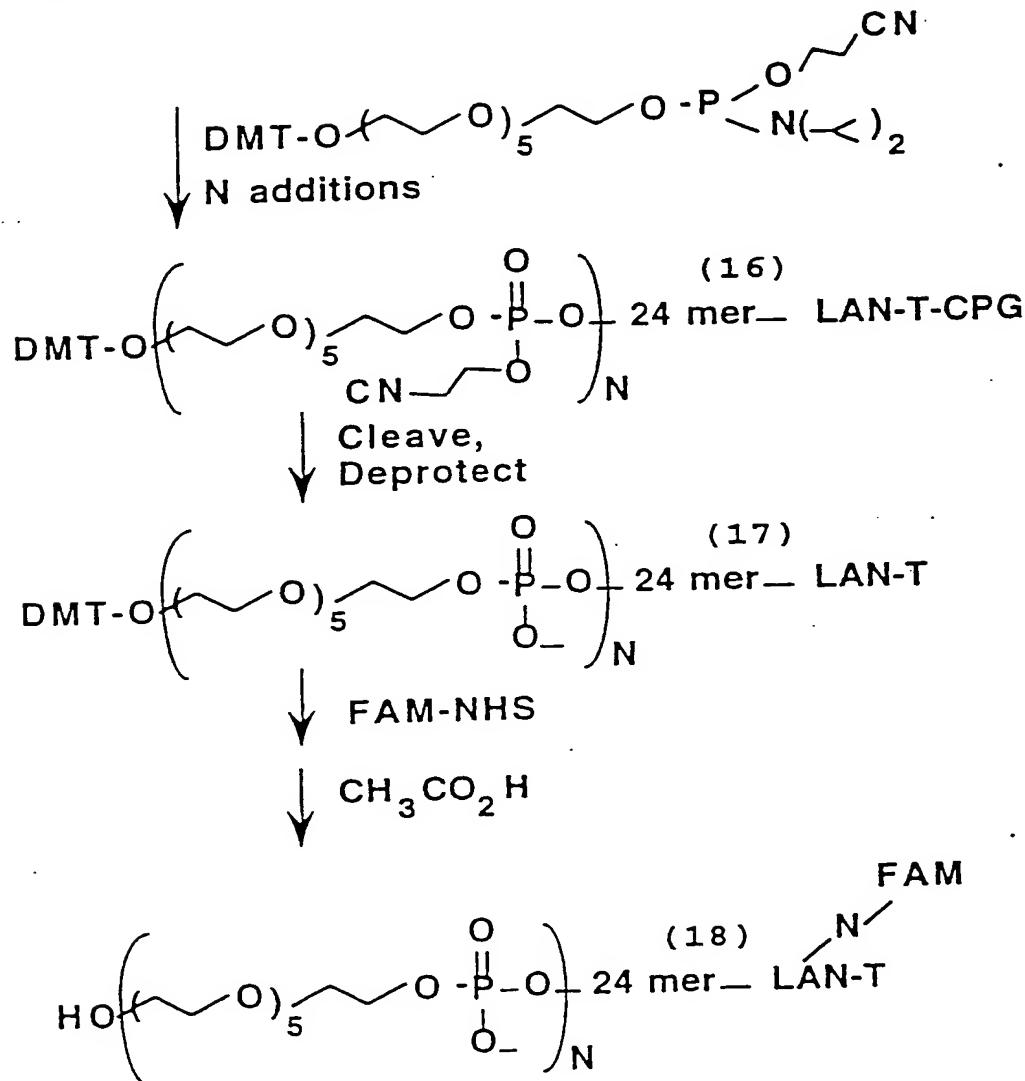


Fig. 5